

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: scalawag@ids.net
Subject: [2969] 30m wrap up
Message-ID: <199508312346.TAA892210@nss1.CC.Lehigh.EDU>

Hi gang,

1. As the 30m "test" wraps up in a few minutes, I'll post my "brag" sheet now as I'll be traveling for a few days.
2. First, though, I, for one, would like to thank Chuck publically for keeping the fires burning (and his flame suit on!) His idea for and encouragement of the 30m operating/propagation "test" inspired at least a few of us to hit 30m pretty hard this summer.
3. Just after I first joined the list in May, the 30m test was proposed. I decided to concentrate on that as my primary (and almost only) ham activity. Blessed with a good geographical QTH in RI, but with only a typical New England town lot (about the size of a standard garage in the rest of the country!) I can only fit one small antenna. From the only suitable support to the house allows room for about 50' of flat top. Thus the 30m "Delta" loop (three unequal sides) up only 30'.
4. That loop, geographical QTH, and my "QR0" of 4.8 watts I felt would give me a very good chance of testing my propagation limits especially via European DX.
5. The results were far greater than I expected.
6. The point of this message is that (if you didn't already know it) even in today's poor condx a QRP station with reasonable ant/rx/pwr can get some eye-opening results.
7. I'll have to re-check everything next week but total was about 80 QSOs with 47 countries (incl. U.S. and Canada) & 12 states. (Yes, I was hunting DX!) No barnburners here. Three were marginally 1,000 miles/watt. And no "rare" ones.
8. I intend to give an antenna report in Oct/Nov after I check out a couple of other ants and 40m but for now the Delta Loop is GREAT! Winter

starts about next week up here in RI so may be reporting sooner than later!

9. 30m is even better lately. If you haven't already, get in there & mix it up with them & show what QRP really can do.

73 for now, Lee W5TEH
Vernon L. Rosson
e-mail
SCALAWAG@ids.net

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: Wynn C C <wyn@stc06.ctd.ornl.gov>
Subject: [2976] 5 Watt Kits
Message-ID: <Pine.OSF.3.91.950901083159.20905A-100000@stc06.ctd.ornl.gov>

>Actually until Roy Gregson comes out with his release of the NW8020 (NE-602
>design) the only five watt kits are the OHR, 624, A&A rigs (Also the new
>Hands from England rig - Bill at Kanga USA is carrying).

>

>Anyway goodd luck with the QRP QRO rig.

>

>73/72 Bob V01DRB/WA6ERB

Unless I have missed something lately, I believe that S&S Engineering still has 5 watt kits. in their ARK series, and maybe in their new line also.

--Clay
wyn@ornl.gov

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: Jeff Gold <JMG@tntech.edu>
Subject: [2980] 5 watt kits
Message-ID: <01HUR6Y9N3SI9APZWK@tntech.edu>

howdi,

first of all .. note about the Spirit.. not sure whether it is available.. but was one of the absolute best operating QRP rigs I have ever used.

second point. I have operated MANY hundreds of hours QRP at levels from 1 milliwatt to 5 watts both CW and SSB. at many times I have had hams that were glad to help me experiment.. both DX and across the US. My observations are that if the band is in any type of condition.. if you can work them with about 5 watts you can work them with 1.5 watts. I did note that there were a fair amount of times that there was a marked difference between the 1 watt and about 3 watt level. I found the 3 watt sometimes necessary to make and maintain a QSO... but can't remember a single instance when there was a noted difference between about 3 watts (and I consider my Norcal 40 in this range.. mine seems to put out just about 3 little old happy watts).

Thinking about getting a local ham and trying to beat the record.

72

Jeff, AC4HF

From qrp-l@lehigh.edu Fri Sep 1 19:47:00 1995
From: bmitchel@cba.Kodak.COM (Brad Mitchell)
Subject: [2979] A piece of history
Message-ID: <9509011300.AA01066@iiatasun.CBA.Kodak.COM.cba.Kodak.COM>

I've been licensed for about 20 some years now..
Back when I first got going, as a teen, I started out with a heathkit dx-60B, and a lafayette ha-600a , still have them..
but always always there was that hw-8 transceiver that ,I wanted , but gee just could not afford.

I finally got one! Grungy, 4 holes drilled in the top, I bought it , and took it home. Much to my amazement, the inside was very very nice! Everything was intact, and who ever built it did a nice job. Nothing was modified either.. Now I had quite a delima. I wanted to buy this to have something to --MODIFY-- , -- MESS WITH-- ugh, but how could I do this with a piece of history. But then there was the cabinet.. scratched , holes drilled in the top.. oh what a dilemma..

Museum piece or tinker toy, which would it be..

I just couldn't decide, but then a friend told me about a certain paint that is just the right color to use to paint it.. I said, yeah I know, I've seen them at the hamfest, they stand out like green monsters.. well he proceeded to convince me that this would work.. He said, just put some nice screws in the holes that held that battery holder, then the paint job will look great.. Well I was beginning to wonder why I was doing all of this when I realized that the top and bottom of the radio are the same part number... hmmm same piece, well I carefully with a razor lifted the corner on the rubber feet of the bottom, and the rubber feet came off without removing any paint, or leaving a trace of the sticky stuff! Things were starting to look up! I then prepared both top and bottom for painting. I lightly steel wooled them so just to get rid of any film that may have built up, but not to get rid of wrinkles in the original finish. Then 2 coats of the paint, and wallah. it was done. I put the bottom on the top, the top on the bottom, and it looks like a new radio... no, it doesn't look like the other paint jobs that I've seen on the heathkit radios at hamfests, thank god!

One final note.. I have operated this radio quite a bit now, and am amazed by the receiver! It's quite hot even on 20 meters, I was astounded by the sensitivity of it! I've made many contacts, and truly am enjoying it.

So if you get a chance, fulfil those childhood dreams, it's worth it!

73 Brad WB8YGG

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995

From: bmitchel@cba.Kodak.COM (Brad Mitchell)

Subject: [2983] a piece of history, the spell checked version!

Message-ID: <9509011329.AA01176@iiatasun.CBA.Kodak.COM.cba.Kodak.COM>

Sorry for the bandwidth, but I realized I sent the un-spell checked version, That's unacceptable, kind of like operating qrp with a hamstick. (That's a joke)

=====

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So if you get a chance, fulfill those childhood dreams, it's worth it!

73 Brad WB8YGG

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: plquick@facstaff.wisc.edu (Paulette Quick, N90UH)
Subject: [2991] Antenna Wire
Message-ID: <199509011539.KAA44573@audumla.students.wisc.edu>

Finally, I am making the final transition to my supposedly permanent residence. (I've been living with a friend for two weeks after the sudden move from the old place.)

When I brought some stuff over this week I talked with my new roommate Joanne, who is also my landlord and owner of the house. She seems ok about having an outdoor antenna.

Since I'm experiencing a bad case of radio withdrawal, I want to get back on the air as soon as possible.

I am considering making a horizontal loop. Question: what kind of wire should I use? Lots of Madison hams just use some cheap thin stuff they

pick up at hamfests. Another friend says she will go to Fleet Farm and get some insulated solid copper wire for 5 cents a foot. Is it better for the wire to be insulated? Should it be copper? Aluminum ok? What is the suggested wire size? Another other ideas appreciated.

I am going to take antenna books with me when I visit my (non-ham) twin brother in Manitowoc, Wisconsin this weekend and I will dream of wonderful antenna loop designs.

Soon to be on the air again,

72,

N9OUH

Paulette Quick

plquick@facstaff.wisc.edu

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2990] Box Size of Resistors
Message-ID: <199509011512.QAA20824@chuck.dallas.sgi.com>

Box was about 5x5x9" and weighed about 6 pounds.
Everything here is a guess as I am on the way to the airport.

dit dit de K5F0/DK5/HK9

--

Chuck Adams (K5F0 CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: PDouglas12@aol.com
Subject: [2997] coins as electrodes
Message-ID: <950901162743_8859738@mail04.mail.aol.com>

OK, Guys, here I am still in the office at 4:15pm while everybody else in the City of New York has gone home for the Labor Day Weekend. The question arose whether it is a crime to deface coins as in using them for electrodes. OK, here's the answer (and yes, I am a lawyer):
See 18 USC sec 331, 332--They say that unless you are lessening the weight of

a coin to decrease its silver or gold value (sure, like we have silver in our coins now!) for FRAUDULENT purposes, it is not a crime. But you can't mess up Federal Reserve Notes (folding money) even if you don't intend to fool anybody. There, now you can go make homebrew batteries without the Treasury Department kicking in your shack door with a search warrant. Like they care. Have a good weekend, all.
Preston WJ2V

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: CQC@aol.com
Subject: [2986] CQC address change
Message-ID: <950901103924_88867076@mail04.mail.aol.com>

Effective immediately, the address for the Colorado QRP Club is:
Colorado QRP Club
740 Galena Street
Aurora, CO 80010-3922
303-344-1220 Answering machine
Fax: 303-344-0741
Packet: w0hep@kt0h.#neco.co.usa.noam

Please do not send mail to the old address on # 4th Ave.

Tnx,
Rich High, W0HEP
President
CQC

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2974] Fox Hunt
Message-ID: <199509010446.FAA20108@chuck.dallas.sgi.com>

Gang,

The final schedule is still being worked out, so stand by for two more weeks.

I have been asked by several people to write up or they would write up for publication worldwide the fox hunt. I think that doing so is counterproductive, i.e. if the schedule changes we will look bad as people will show up and be ticked that they didn't know

about it. If you want more competition for the prizes, then you are not really interested.

So far, here is what I have:

Bruce Williams, WA6IVC, has donated one MXM XCVR kit for 40M (\$150 value).
Chuck Adams, K5FO, has donated two new NN1G 40M kits (\$140 value approx.)
Doug Hendricks, KI6DS, has donated a years extension or new sub to QRPp.

More to be announced as they become available.

K5FO/DK5/HK9

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: CQC@aol.com
Subject: [2982] From CQC & WOHEP
Message-ID: <950901092528_88818718@mail02.mail.aol.com>

I have been out of town and working trade shows most of the past 2 weeks plus moving my office. I will also be out of town (Charlotte, NC) for a show from Sept. 5 to 12. Trying to complet the next Low Down before I leave.

I will respond to your Email when I return. Tnx for your patience.

Rich WOHEP

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: CQC@aol.com
Subject: [2981] Good News for QRPers
Message-ID: <950901092123_88818676@emout04.mail.aol.com>

QRPers:

I thought you would like to see a note I got from our ARRL Vice Director. It is good news for all of us.

Rich High WOHEP
President
Colorado QRP Club

Subj: Guide
From qrp-l@lehigh.edu Fri Sep 1 19:47:00 1995
From: bhowell@mail.utexas.edu (Bill Howell)
Subject: [2972] Help with archived files
Message-ID: <199509010253.VAA08170@mail.utexas.edu>

I would like to read some of the equipment reviews which are in the QRP-L archives. If I transfer them with Netscape or WS_FTP, they always arrive with the .z extension.

I have tried using gzip and zcat (dos utilities) to uncompress them. Only one file uncompressed succesfully. With the others I get the message "file token bad".

What's the trick here? It shouldn't be this hard! :^)

Are these reviews archived somewhere else as good old .txt or .zip files?

Thanks,
Bill Howell N5ALO
bhowell@mail.utexas.edu

[illegible]

---Then bring us a shrubbery. Nee.

AA

From qrp-l@lehhigh.edu Fri Sep 1 19:47:00 1995
From: bhowell@Mail.UTexas.EDU (Bill Howell)
Subject: [2970] Help with archived files (.z)
Message-ID: <199509010222.VAA04835@mail.utexas.edu>

I would like to read some of the equipment reviews which are in the QRP-L archives. If I transfer them with Netscape or WS_FTP, they always arrive with the .z extension.

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What's the trick here? It shouldn't be this hard! :^)

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Thanks,
Bill Howell N5ALO
bhowell@mail.utexas.edu

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: hysell@kodak.com (John D. Hysell)
Subject: [2977] homebrew battery
Message-ID: <9509011244.AA24261@runner.itc.Kodak.COM>

Try this for homebrew battery (keep it in a well ventilated spot!)

Take an old ice cube tray, and pour each cell about half to 3/4 full of chlorine bleach. Into each cell, place a rectangular piece of Aluminum and one of copper. (When I did this the first time (age 12) I used US pennies and canadian nickels -I literally operated for pennies a day 8-).

I forget the polarity, check with DVM and wire as many cells in series as you need for your application. As I recall, you get about 1 volt per cell. Keep it away from clothing, draperies, etc as the chlorine fumes from the reaction will bleach them quickly.

As an aside, in the early 1970's, Monsanto Corp ran a little contest asking for ideas for reuse of the plastic packaging they use to ship 3" silicon wafers to semi-conductor etching facilities. My brother & I submitted the idea to build these batteries into the lower half, seal it with a top sheet of plastic, and put a flashing lamp circuit in the top half. The unit was to be a roadside emergency beacon for disabled vehicles. When needed, you simply puncture each cell topsheet cover, and connect the lamp to the battery.
-We won first prize - a 19" color TV.

73 de KF2XC
-John

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995

From: hysell@kodak.com (John D. Hysell)
Subject: [2978] homebrew battery idea
Message-ID: <9509011300.AA24301@runner.itc.Kodak.COM>

Try this for homebrew battery (keep it in a well ventilated spot!)

Take an old ice cube tray, and pour each cell about half to 3/4 full of chlorine bleach. Into each cell, place a rectangular piece of Aluminum and one of copper. (When I did this the first time (age 12) I used US pennies and canadian nickels -I literally operated for pennies a day 8-).

I forget the polarity, check with DVM and wire as many cells in series as you need for your application. As I recall, you get about 1 volt per cell. Keep it away from clothing, draperies, etc as the chlorine fumes from the reaction will bleach them quickly.

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-We won first prize - a 19" color TV.

73 de KF2XC
-John

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: Electronic Design Magazine <dmalinak@CLASS.ORG>
Subject: [2984] Michigan Mighty Mite
Message-ID: <Pine.SUN.3.91.950901064409.18488B-1000000@class.class.org>

Someone recently posted a message asking for information on the so-called Michigan Mighty Mite circuit. Well, last night, I was leafing through Dave Ingram's Getting Started in QRP and there it was. So that's where the information can be found. If the person who was looking for the information hasn't been helped out yet, please e-mail me and I'll send or fax you a copy of the schematic. And if you don't have Ingram's book, you might want to find a copy. It's what got me real interested in QRP to begin with. I haven't looked back yet.

73 David N2SMH
Glen Rock NJ

obQRP: As if the above isn't QRP, but I have to tell someone. I'd been in a dry spell lately. The Wilderness 40a hasn't been cutting it. Lots of signals on 40, lots of CQs on my part, and answering any I hear. Not much luck. So last night, I fired up the HW-9 on 30. On 10.114, I hear S51UF calling. Grabbed him on the second call at 4 W out using my 40-meter loop. Ahh, says I...my antenna isn't junk after all! God, I love this hobby!

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: H Smith <hbs@crl.com>
Subject: [2987] North Texas Qrp (NORTEX)
Message-ID: <Pine.SUN.3.91.950901073237.13715A-100000@crl5.crl.com>

The North Texas Qrp Club (NORTEX) will be having it's usual 1st Saturday meeting tomorrow at 10AM at the usual place in Addison, TX.

If anyone needs directions, please email me or call 333-6077.

CU There,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2971] Resistors Galore
Message-ID: <199509010253.DAA19924@chuck.dallas.sgi.com>

Gang,

I just received today a package that I ordered on a whim to check out the value. In "Nuts and Volts" there was an add for a deal on 1/4W resistors from 1 ohm up to 22M, with 50 resistors of each value plus some extras. The price for this deal was \$95 for 10,000 resistors (a lifetime supply). I had a travelers check for \$100, so I sent that in telling them to include the extra \$5 worth of the popular values as used in the NN1G/SWL30/40/80 rig.

Little did I realize just how big a box 10,600 resistors is.
I don't think I will ever have to buy another resistor again.
:-)

The reason I bring it up here. Those of you in clubs, starting parts houses, or just needing a bunch (and I mean a bunch) of resistors this is probably the place.

I was extremely satisfied with the quality and the price. Of course, someone will come up with a better deal and make me feel bad, but it'll take some doing. :-)

Just another satisfied customer of

Murphy's Electronic & Industrial Surplus Warehouse
401 North Johnson Ave.
El Cajon, CA 92070
(619) 444-7717

You can probably work a deal for smaller quantities or 10,000 resistors of a specific subset. I'm guessing here, but in phone conversation I got the idea that they have lot of these. I didn't ask about any other deals.

These resistors are taped like those used in automatic stuffing machines.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: Bob Levine <levine@mc.com>
Subject: [2989] Spririt and Radio Devices
Message-ID: <9509011452.AA12148@fugu>

----- Begin Included Message -----

howdi,

first of all .. note about the Spirit.. not sure whether it is available.. but was one of the absolute best operating QRP rigs I have ever used.

72

Jeff, AC4HF

----- End Included Message -----

The Spirit is still available from OHR but for \$170.

If it is 20m or 40m you are considering, I would seriously consider adding just another \$50 or so and getting the dual-bander 20m/40m which is based on the same design as I understand it.

BTW, I would also like to take a minute and thank all those here who purchased OHR kits from me when I ran Radio Devices.

I have decided to retire from Radio Devices and have sold the business to Rhyne Killian KA1CX who is not on the internet now but is in the process of establishing an account and taking the raddev domain.

I never gave QRP much thought before becoming interested in selling OHR kits based on a recommendation from a friend. After acquiring the line, I built the Sprint II for 80m, the Explorer for 20m, the Wattmeter, and bought (no flames!) a Dual-Band Classic from another netter. I also purchased a complete unbuilt NorCal 40A at Dayton and built that. The experience re-kindled both my interest in building but my interest in cw. Another example of discovering another niche in this hobby.

Well, back into the weeds and I hope to participate more here and get on the air more now with all my new-found spare time.

Bob KD1GG

From qrp-l@lehigh.edu Fri Sep 1 19:47:00 1995
From: Harry_Chase@smtpgw.windata.com (Harry Chase)
Subject: [2996] thanks
Message-ID: <9508018099.AA809992387@smtpgw.windata.com>

Thanks to everyone who responded to my request for sources of fiberglass poles. I have a couple of different places to try now.

Harry
WA1VVH

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: pelt@vt.edu (Randy Pelt)
Subject: [2975] University Surplus Sales
Message-ID: <199509011143.HAA996882@nss1.CC.Lehigh.EDU>

>Gang,
>
>I just received today a package that I ordered on a whim to
>check out the value. In "Nuts and Volts" there was an add
>for a deal on 1/4W resistors from 1 ohm up to 22M, with 50
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>had a travelers check for \$100, so I sent that in telling
>them to include the extra \$5 worth of the popular values as
>used in the NN1G/SWL30/40/80 rig.
>
>Little did I realize just how big a box 10,600 resistors is.
>I don't think I will ever have to buy another resistor again.
>:-)
>

This note from Chuck Adams rang a bell here. I bought a similar size box (life time supply) of 1/4W resistors from our university auction sale for \$3. For you folks who live near universities, especially those with engineering schools, be on the look out for auction sales by these schools. Va. Tech has a surplus sales auction every three months and you wouldn't believe some of the electrical equipment, parts, etc., that show up for peanuts. Did you ever see those techtronic scopes at ham fests for sale for \$90/100?? Most of those scopes and other stuff were probably purchased from some university for under \$10.

Most engineering schools are continuously buying new equipment to keep up with changing technology. Guess where the old stuff goes...you got it, to surplus. State universities must dispose of excess equipment by surplus sale...they can't give it away or sale it to friends. It's the law, at least in Virginia. However, you'd be surprised at some of the back rooms university departments have where old stuff gets stored. Because of space problems, this stuff eventually makes its way to the surplus auctions. You'd be surprised at the antique equipment that will show up.

I guarantee this condition is not unique to my school. If you've got a university near by, watch for their surplus sales and check it out.

```
*Ranson J. Pelt *
*Internal Audit Manager *
*Virginia Tech 0328 *
*Blacksburg, VA 24061 *
*(540) 231-9475 FAX (540) 231-4681 *
* *
*QST de nz4i Semper Fi *
*****
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From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [2988] Re: 5 Watt Kits
Message-ID: <95Sep1.105230edt.4270-1+6@hooch.CC.Lehigh.EDU>

> Jim,
> How much is the Spirit?

TJ,

I cc'ing this to the list as well, as it may answer a few questions for newcomers that may not have seen it. Many thanks to Bob for the great report.

Don't forget, Dayton discussion goes to dayton-1@Lehigh.EDU :-)

Jim N3VXI

Forwarded message:
From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: AE4KN@aol.com
Subject: [2993] Re: Antenna Wire
Message-ID: <950901140452_89018609@mail04.mail.aol.com>

In my experience, almost anything will work, as long as it's strong enough to support the entire antenna, which is quite large. I used one and a half rolls of the \$8 radio shack stuff, gets dirty looking, but looks fine.

Insulation doesn't noticeably affect performance, at least not that I have read. Oh yes, in Wisconsin, remember that it gets cold! (As if you hadn't noticed) That means that icicles will form on the wire, adding more weight, so make sure you don't get cheap thin wire, ice is heavy.

73/72 de AE4KN, Chris

From qrp-l@lehigh.edu Fri Sep 1 19:47:00 1995
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [2985] Re: Help with archived files
Message-ID: <95Sep1.102429edt.4270-4+4@hooch.CC.Lehigh.EDU>

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> archives. If I transfer them with Netscape or WS_FTP, they always arrive
> with the .z extension.
> I have tried using gzip and zcat (dos utilities) to uncompress them. Only
> one file uncompressed successfully. With the others I get the message "file
> token bad".
>
> What's the trick here? It shouldn't be this hard! :^)
>
> Are these reviews archived somewhere else as good old .txt or .zip files?

Several ways to go here:

FTP to ftp.Lehigh.EDU, files are in pub/listserv/qrp-l

If you retrieve the files using the filename with the ".Z" appended, make sure that you're using BINARY mode. Then, you'll need to uncompress them with a utility that will handle unix compressed files. The gzip124.zip package in pub/listserv/qrp-l/tools should handle unix compressed files on the PC. There are also other programs available for PC/Mac/etc.

If you retrieve the files using the filename without the ".Z" appended, the FTP server will uncompress the file for you before sending. In this case you should use ASCII mode.

You can also retrieve the files via e-mail from the list server by sending a command in the body of an e-mail to listserv@Lehigh.EDU like so:

GET QRP-L/REVIEWS ARK40.MCQ

If you retrieve a binary file, like GZIP124.ZIP from QRP-L/TOOLS, the list server will send it UUEncoded.

You can get an index of the files by sending a command like:

INDEX QRP-L/REVIEWS

Or, index the whole QRP-L tree (warning, large listing!):

INDEX QRP-L -ALL

The "-ALL" means list files in all subdirectories.

Jim N3VXI

From qrp-l@lehigh.edu Fri Sep 1 19:47:00 1995
From: "Hal R. Waite" <halwaite@netcom.com>
Subject: [2973] Re: Help with archived files (.z)
Message-ID: <Pine.SUN.3.91.950831201622.3146B-100000@netcom18>

On Thu, 31 Aug 1995, Bill Howell wrote:

> I would like to read some of the equipment reviews which are in the QRP-L
> archives. If I transfer them with Netscape or WS_FTP, they always arrive
> with the .z extension.
> I have tried using gzip and zcat (dos utilities) to uncompress them. Only
> one file uncompressed succesfully. With the others I get the message "file
> token bad".

On your Unix server command line, type uncompress "file name". You can
also try DOS versions of the unix program on your own PC.

From qrp-l@lehigh.edu Fri Sep 1 19:47:00 1995
From: "John D. Spittle" <jds@freenet.vancouver.bc.ca>
Subject: [2994] Re: homebrew battery
Message-ID: <Pine.3.89.95090111148.A3358-0100000@freenet.vancouver.bc.ca>

They used to "hang, draw and quarter" folks for "defacing the coins of
the realm". Watch out for the long arm of the law if the Acthasn't been
repealed.

Sleep well. 72/73 Derry VE7QK

From qrp-l@lehigh.edu Fri Sep 1 19:47:00 1995
From: myers@bigboy73.West.Sun.COM (Dana Myers)
Subject: [2995] Re: homebrew battery

Message-ID: <199509011902.MAA17454@sunspot.West.Sun.COM>

> From jds@freenet.vancouver.bc.ca Fri Sep 1 11:21:40 1995
>
> They used to "hang, draw and quarter" folks for "defacing the coins of
> the realm". Watch out for the long arm of the law if the Act hasn't been
> repealed.

Though I'm not a lawyer, I recall that it is not illegal to deface
US coin and currency, as long as one does not attempt to represent
defaced instruments as legal tender. In other words, do what
you want but don't try to spend a mutilated coin.

From qrp-l@lehigh.edu Fri Sep 1 19:47:00 1995
From: rgobrick@public.compuserve.com (Robert J. Gobrick)
Subject: New QRP Rigs at Dayton Article

QRP-L gang,

The following is a pre-release of an article that I am making available to
any QRP club newsletter that so desires it. It is dated material (things
are changing fast in the qrp kit world) so I am making it available for
qrp-l distribution.

Enjoy...

73/72 Bob V01DRB/WA6ERB

NEW QRP RIGS SEEN AT DAYTON 95 HAMVENTION

By Bob Gobrick V01DRB/WA6ERB

The QRP ARCI hospitality suite was hopping this year at the Dayton
Hamvention. Not only were there a good number of club representatives there
from the NorCal QRP Club, New England QRP Club, G-QRP Club, and St. Louis
QRP Club showing off their new club projects but there was a nice
representation from the QRP commercial vendors. I will highlight a number
of new items seen this year.

NorCal: The NorCal QRP Club was in the spotlight again this year with the
announcement of the upcoming \$165 Cascade dual band 20 and 75 meter SSB QRP
rig, built along the lines of the Sierra with plug in band modules and
pop-top. The design is by John Liebenrood K7RO. It will be a winner for
the QRP gang as well as other groups that NorCal is entertaining like the

Bicycle Mobile Hams.

The second offering by the NorCal QRP gang will be a joint venture with the St. Louis QRP Club. The St. Louis Tuner will be a do-everything antenna tuner with dual meter swr and built in dummy load. The unit is planned to be kitted in a NorCal 40A or Sierra case after the Cascade project is completed. Tentative price for unit is in the \$50 range.

Wilderness Radio: A new QRP kit company has joined the fraternity. Wilderness Radio was started by a NorCal QRP member who is presently planning commercial releases of Wayne Burdick N6KR designs of the NorCal 40A and Sierra. Wilderness Radio has no commercial ties with the NorCal QRP Club. The first price release will be a commercial version of the NorCal 40A kit complete with painted cabinet etc. Pricing at \$129 puts the unit in competition with the equally priced Oak Hills Research Explorer kit.

Small Wonders Labs: Dave Benson NN1G is marketing the commercial version of the popular New England QRP Club NE-4040 rig that appeared in the November 1994 issue of QST. Small Wonders Lab has no commercial ties with the New England QRP Club. Price of the SWL is \$50 and it is one of the best priced entry level superhet receiver QRP transceivers in the market today. The kits are available in 160, 80, 40 and 30 meter models. New to Dayton, Dave introduced a very nice prepunched, prepainted and prelabelled cabinet with all controls, sockets and mounting hardware included. This \$30 option still makes the SWL rig one of the best bargains in the QRP market.

S&S Engineering: Dick N3SAD and Kathy KA3ZOW of S&S Engineering were at the Michigan QRP booth inside the Hamvention as well at the hospitality booth every night - makes for long days. They were proudly showing off their new marvel - the TAC-1 kit. The TAC-1 builds upon the great synthesized tuner development of the ARC 40 and ARC 4 QRP transceivers. The TAC-1 now has a knob-tuned digital display along with electronic QSK, superhet receiver and much more. 80 meters is first unit out with 40, 20 and 30 to possibly follow. Priced at \$199.95

Oak Hill Research: Dick at Oak Hills Research does not want to rest on the success of his kits to date - the nice Sprint II direct conversion transceiver, the new competitively priced (\$130) single band Explorer based on the NE-602 front end design and the higher performance single and dual band rf amp and static ring mixer receiver designed transceivers - the Spirit II (\$170) and the Classic (\$220). I talked to Dick at the hospitality booth and he has been able to standardize on a number of core building blocks for all his rigs (receiver board, mixer board and transmit board) and with that he is able to offer shorter development times for his new rigs. True to his word Dick had in tow the new OHR 4 Bander (80, 40, 30 and 20 meter) rig based on the Spirit and Classic designs. He added the RF gain and AGC on/off switch from the Spirit into a Classic like design. Pricing looks competitive at \$320 for the four bands. Dick's reputation for

solid design and construction and excellent manuals makes his kits very attractive to new and experienced builders alike.

MXM Industries: Bruce Williams was showing off his new \$130 Double Superhet NE602 based QRP transceivers. This one board kit is a follow-up of his Simple SuperRX/TX made popular a number of years ago from his 73 magazine articles. Bruce's latest double superhet design has been previewed in Hambrew magazine and in 73.

KANGA US: Bill Kelsey talked about the nice response by customers to the new Kanga US World Wide Web Home Page. Bill showed off some of the nice new R1, R2/T2 and mini R2 high performance single-single direct conversion kits that he's carrying, along with the rest of the nice line of Kanga UK kits.

Hambrew: George DeGrazio was in attendance with sample copies of his newly reformatted Hambrew magazine. Hambrew is now being offered at a very attractive price of \$10 a year, which is hard to beat. Editorially, Hambrew will concentrate on more technical articles with good photographs to illustrate the Hambrew projects. I heartily endorse the new format.

OTHER QRP VENDORS: Inside the Hamvention hall and at the QRP ARCI hospitality suite other units were talked about. The Index Labs QRP+, the Ten Tec Scout(s), The MFJ CW and SSB QRP rigs, and the Ramsey 20 meter SSB/CW synthesized rig. And for those who missed it - you have got to see the new QRP ready Icom IC-706 HF, 6 meters and 2 meter detachable head do everything CW,SSB,AM,FM,FSK (yes FSK) rig - amazing.

From qrp-1@lehigh.edu Fri Sep 1 19:47:00 1995
From: AE4KN@aol.com
Subject: [2992] Re: University Surplus Sales
Message-ID: <950901135737_89013470@mail04.mail.aol.com>

I live near VA Tech, and I'm interisted in these auctions. Is there a normal schedule, or is it done when the need arises? I usually go to a navy auction, but this sounds even better. Thanks for any help,

-Chris